

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

**Web address:** <http://water.usgs.gov/orh/nrwww/odrm>

Summary river data for March 28 - April 3, 2005 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river						Diversions to New York City water supply			
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville	Neversink	Average
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Mar. 28	23	0	32	1,880	16	1,081	0	0	0	494
29	31	0	29	3,873	16	975	0	0	0	493
30	438	22	29	3,693	16	685	0	0	0	491
31	268	1,026	29	3,370	16	612	0	0	0	489
Apr. 1	23	1,431	29	3,213	16	649	0	0	0	488
2	23	5,715	29	4,701	16	3,589	0	0	0	486
3	23	6,578	29	9,127	16	4,215	0	0	0	485

Pepacton Reservoir (P):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,280.00 ft.	144.626 billion gals. 103.2 % (elev. 1,282.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,150.00 ft.	106.654 billion gals. 111.4 % (elev. 1,156.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.498 billion gals. 101.6 % (elev. 1,441.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 4, 2005 (0800) Combined capacity at spillway level.	286.778 billion gals. 105.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 3, 2005 (2400) Spillway crest elevation 1,190.00 ft.	34.506 billion gals. 97.3 % (elev. 1,189.5 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Mar. 28	0	77	93	25	0	227	7,478	7,900	.63	2.54
29	0	77	84	25	363	1,429	55,022	57,000	1.66	4.20
30	0	70	50	25	657	1,234	53,964	56,000	.03	4.23
31	0	36	45	25	712	1,443	37,939	40,200	0	4.23
Apr. 1	0	48	45	25	1,528	1,472	32,882	36,000	0	0
2	0	678	45	25	1,665	1,720	46,867	51,000	.51	.51
3	0	415	45	25	1,664	6,000	167,851	176,000	2.40	2.91

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton, Cannonsville, and Neversink Reservoirs, and Lake Wallenpaupack.

Diversion by New Jersey through the Delaware and Raritan Canal March 28 - April 3, 2005 averaged 60.4 mgd. The average diversion for the 30-day period ending April 3, 2005 was 82.9 mgd and the maximum diversion during the period was 93 mg on March 20, 2005.